

Message

From: Burdett, Cheryl [burdett.cheryl@epa.gov]
Sent: 2/2/2018 7:47:35 PM
To: Orourke, Aaron T - DNR [Aaron.Orourke@wisconsin.gov]
CC: Lowndes, MaryAnne - DNR [MaryAnne.Lowndes@wisconsin.gov]; Weigel, Brian M - DNR [Brian.Weigel@wisconsin.gov]; Bauman, Thomas S - DNR [Thomas.Bauman@wisconsin.gov]
Subject: Re: Central Sands Dairy, LLC

Hi Aaron:

When reviewing the 2016 Annual Spreading Report and the 2016 SnapPlus Application Restriction Compliance Check Report.

The UW recommendation was 250 and Total N applied was 330. Manure applied was 26 lbs./acre. According to the 2016 SnapPlus Application Restriction Compliance Check Report reads, "a) Split N application with majority after crop establishment b) Over application of N due to Petiole results".

When I read A2809, I read it that an additional 30 -50 lbs/acre can be applied to the crop 45 days to vine kill.

Questions?

Do you request the petiole tests to determine how much fertilizer or manure should be added to the potatoes?

And are they only allowed to add additional nutrients to the crop one-time?

So if the amount of the N recommended 250 lbs/acre and CSD added 330 lbs/acre - even with the additional 50 lbs/acre that would only be 300 lbs/acre and still over-applied, 30 lbs/acre.

2016 - This was the case on 20% of the fields

Another 10% for a total of 30% of the fields were over-applied on but fell into the range of 30-50 lbs/acre of additional fertilizer due to Petiole results.

Please call me if you have any questions.

Sincerely,

Cheryl Burdett
R5 EPA/WECA
CAFO Program Manager
work: 312-886-1463
Burdett.cheryl@epa.gov

N61	Snapbeans to late Snapbeans to harvest, small grain to small cover crop grain cover crop	Potatoes, 250	not sure because it does not spell out nutrient sources	some fertilizer	330	26	330
-----	--	------------------	---	--------------------	-----	----	-----

From: Orourke, Aaron T - DNR <Aaron.Orourke@wisconsin.gov>

Sent: Friday, February 2, 2018 1:01:23 PM

To: Burdett, Cheryl

Cc: Lowndes, MaryAnne - DNR; Weigel, Brian M - DNR; Bauman, Thomas S - DNR

Subject: RE: Central Sands Dairy, LLC

Cheryl,

After looking at your email again, I may have misunderstood your question. Would you be able to provide me with more information on what you mean by the department allowing the "over application of N"?

Thank you,

Aaron

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Aaron O'Rourke

Phone: (715) 839-3775

Aaron.Orourke@Wisconsin.gov

From: Orourke, Aaron T - DNR

Sent: Tuesday, January 30, 2018 12:53 PM

To: 'Burdett, Cheryl' <burdett.cheryl@epa.gov>

Cc: Lowndes, MaryAnne - DNR <MaryAnne.Lowndes@wisconsin.gov>; Weigel, Brian M - DNR
<Brian.Weigel@wisconsin.gov>

Subject: RE: Central Sands Dairy, LLC

Cheryl,

I am on a very limited schedule for the next 2 weeks so it may be best if you send me your questions and I can respond via email when time allows. I can tell you that 243 allows for variances under 243.06 (1) and (2) however this variance requires the facility to show that the proposed variance does not negatively impact or threaten the environment or public health. If the facility can make a case for why they need the variance plus prove that it will not impact environment or public health, a variance could be granted after review. If you have questions about crop nutrient recommendations and nutrient drawdown rates for different crops, I would suggest you reach out to the UW-Madison Department of Soil Science. Carrie Laboski is the UW professor who wrote A2809 which is the current guideline for all crop recommendations in Wisconsin and is the basis for the SNAP+ program.

Thank you,

Aaron

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Aaron O'Rourke
Phone: (715) 839-3775
Aaron.Orourke@Wisconsin.gov

From: Burdett, Cheryl [<mailto:burdett.cheryl@epa.gov>]
Sent: Thursday, January 25, 2018 9:07 AM
To: Orourke, Aaron T - DNR <Aaron.Orourke@wisconsin.gov>
Subject: Central Sands Dairy, LLC

Hi Aaron:

If you could contact me regarding Central Sands Dairy, LLC, I have some questions regarding the requirements for Petiole testing on Potatoes and what information must be submitted to WDNR to allow for the over-application of Nitrogen.

I also have a question about the Phosphorus drawdown rates for potatoes.

I look forward to hearing from you.

Sincerely,

Cheryl Burdett
R5 EPA/WECA
CAFO Program Manager
Work: 312-886-1463
Burdett.cheryl@epa.gov